

Fig. 1

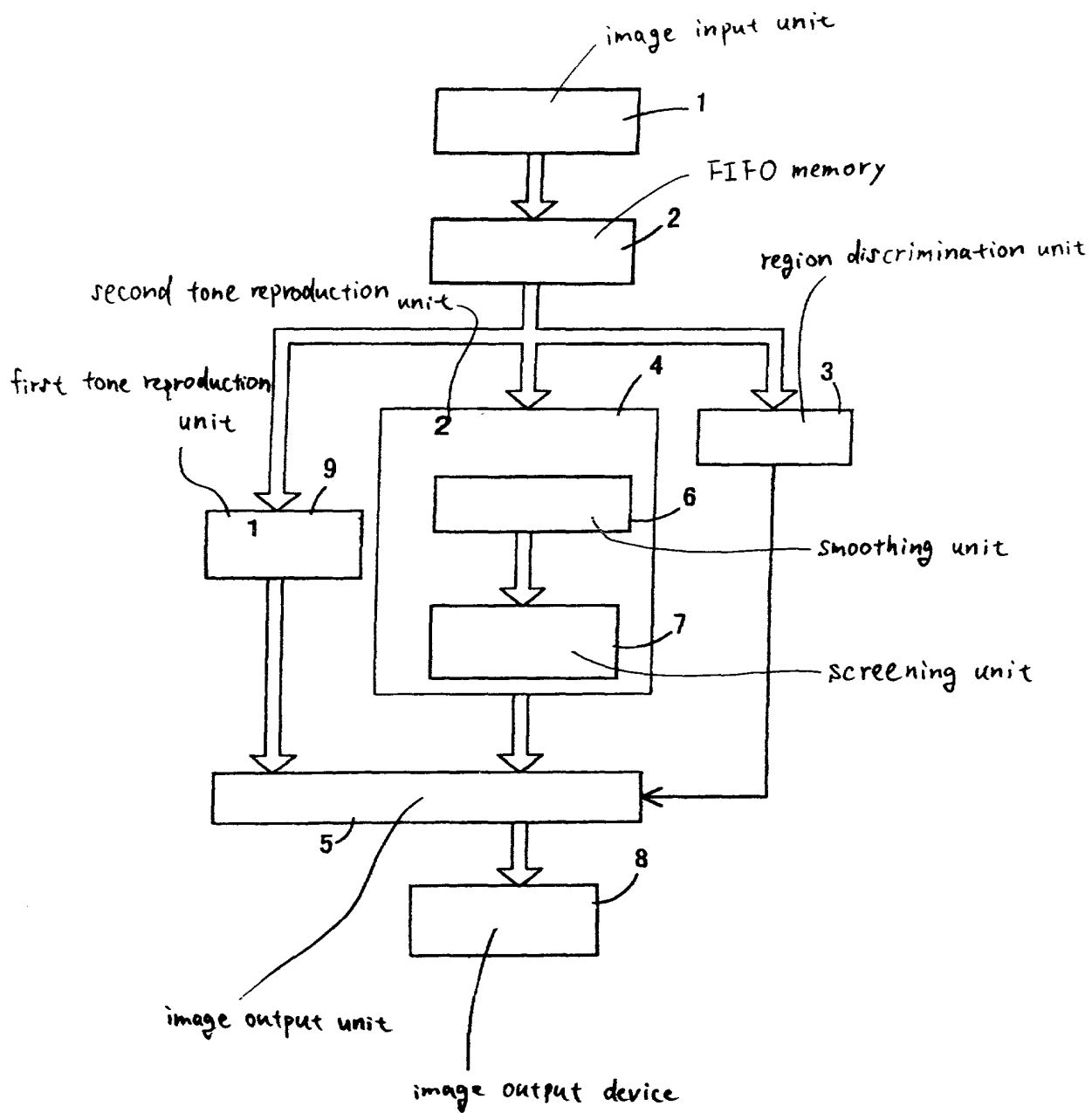


Fig. 2

V11	V12	V13	V14	V15
V21	V22	V23	V24	V25
V31	V32	V33	V34	V35
V41	V42	V43	V44	V45
V51	V52	V53	V54	V55

Fig. 3

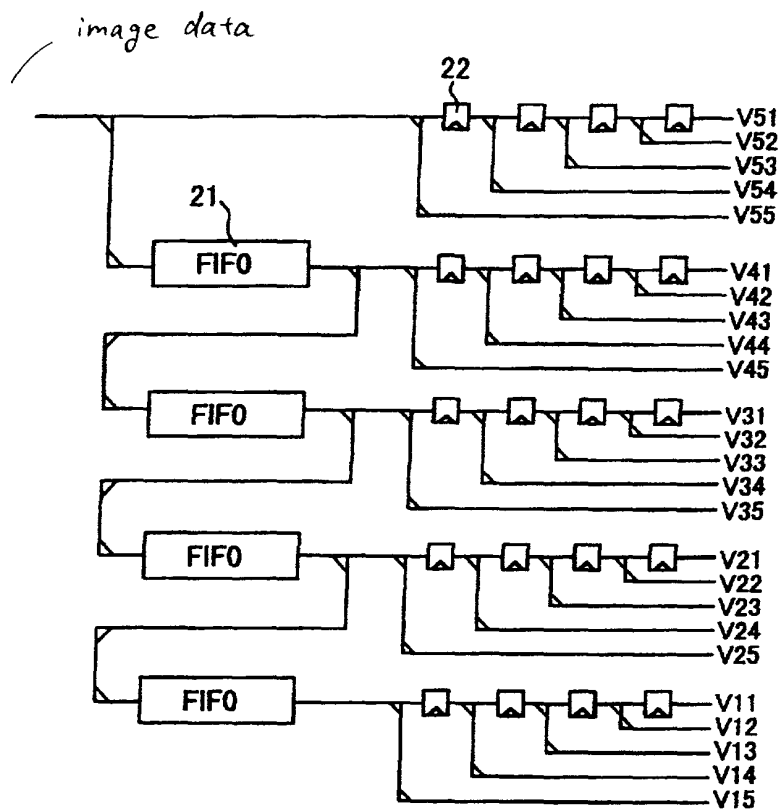


Fig. 4

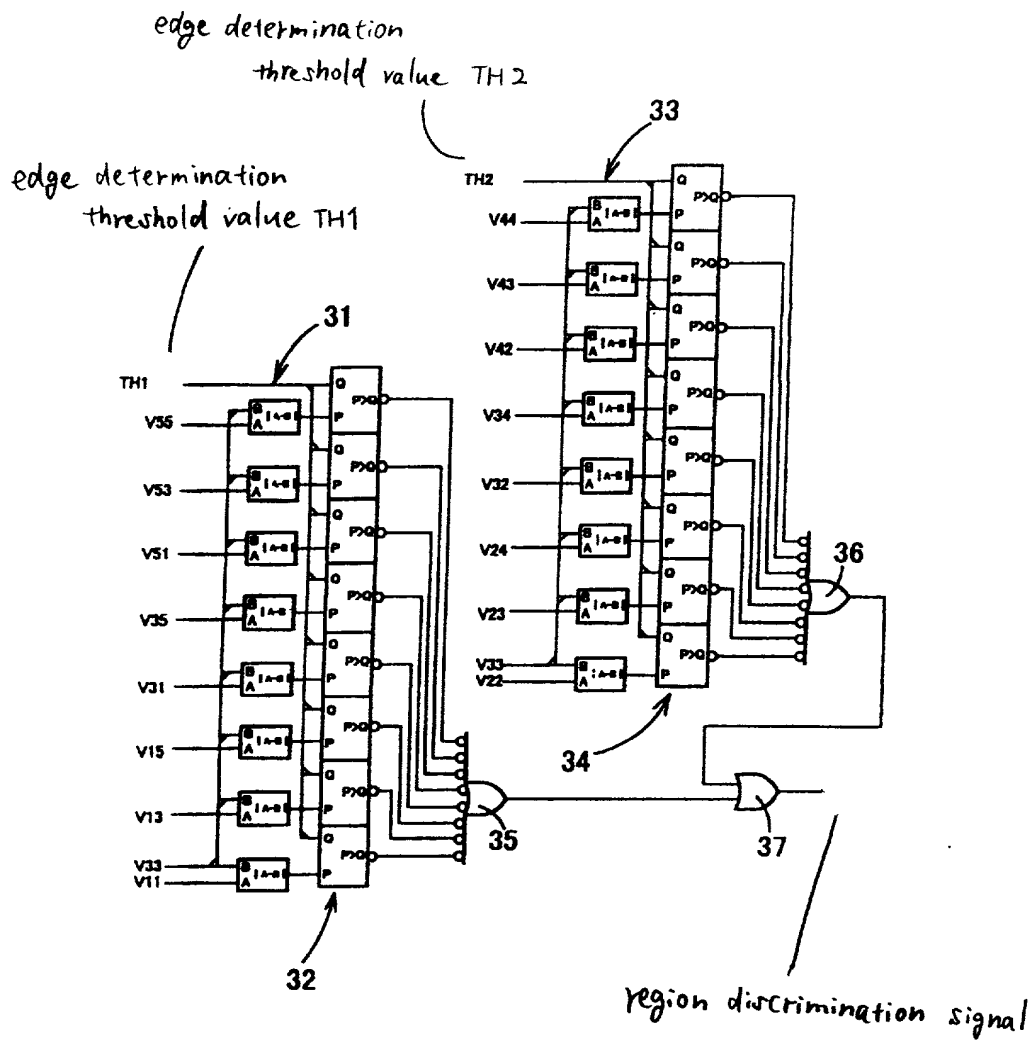


Fig. 5

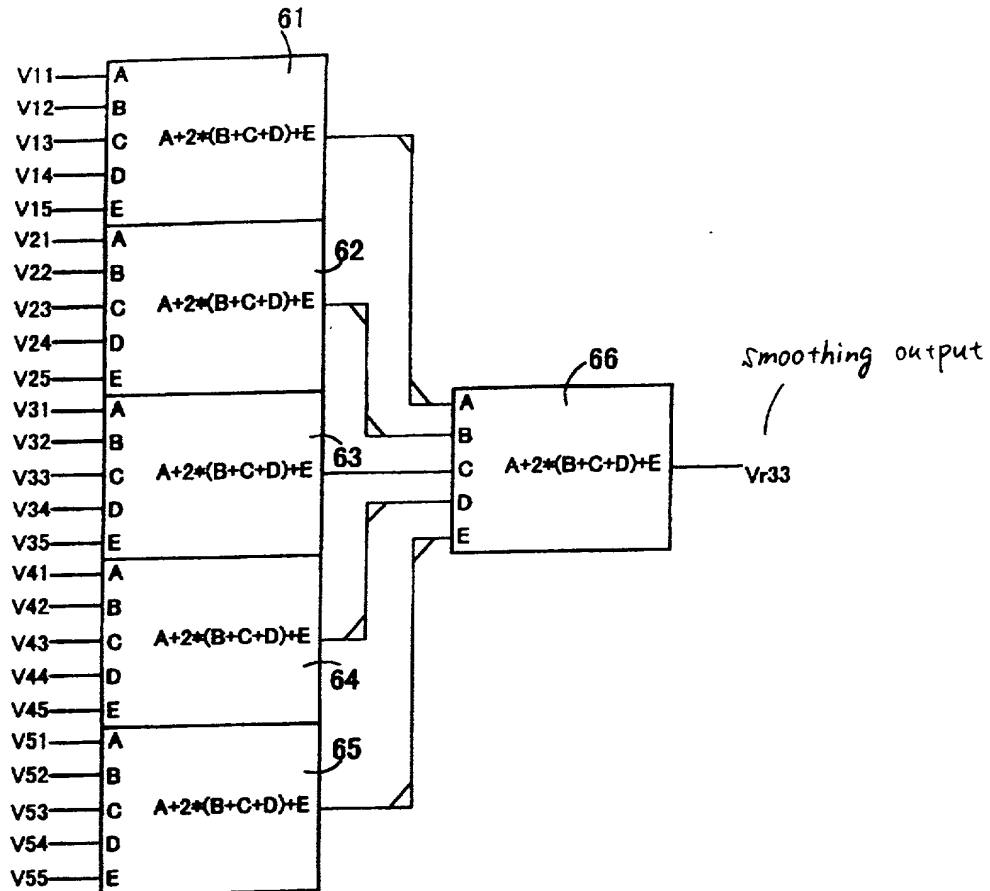


Fig. 6

1	2	2	2	1
2	4	4	4	2
2	4	4	4	2
2	4	4	4	2
1	2	2	2	1

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Fig. 7

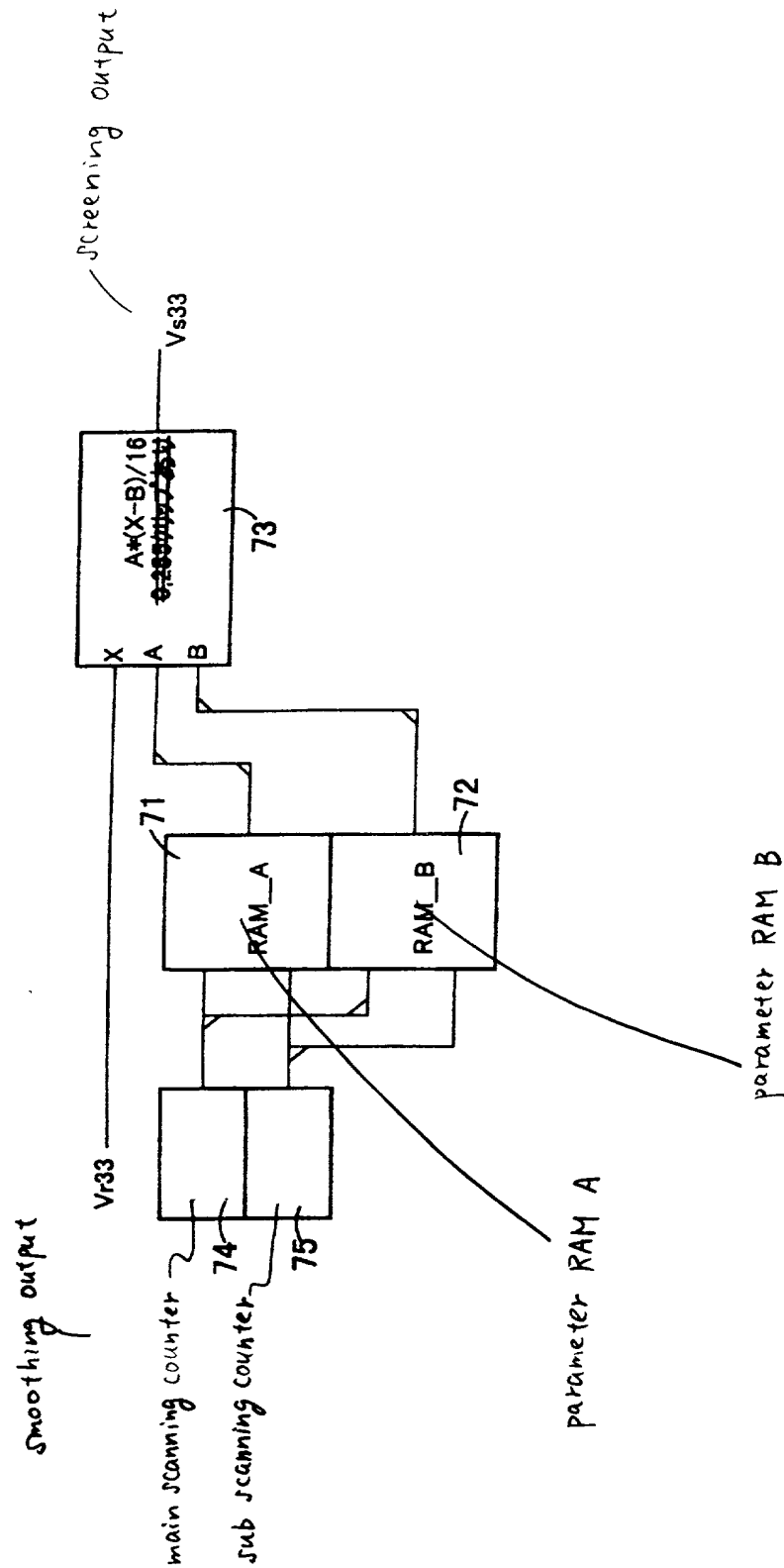


Fig. 8

parameter RAM A

16	16	16	16	0
16	16	16	16	16
16	16	16	16	16
16	16	16	16	16
16	16	16	16	16

Fig. 9

parameter RAM B

0	64	128	192	0
208	16	80	144	208
160	224	32	96	160
112	176	240	48	112
0	64	128	192	0

Fig. 10

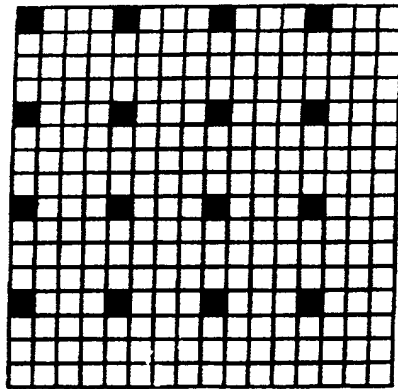


Fig. 11

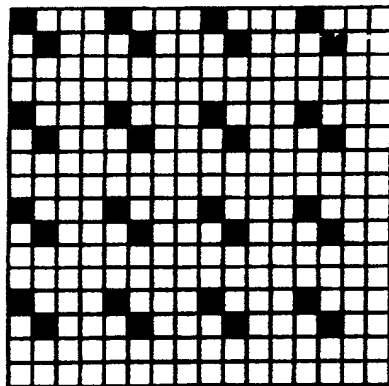


Fig. 12

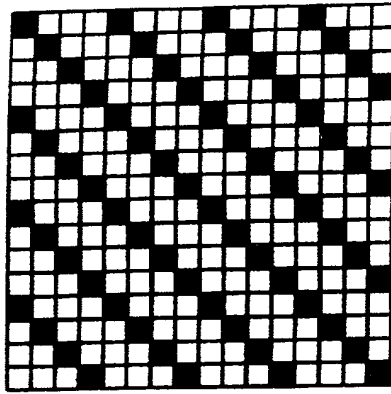


Fig. 13

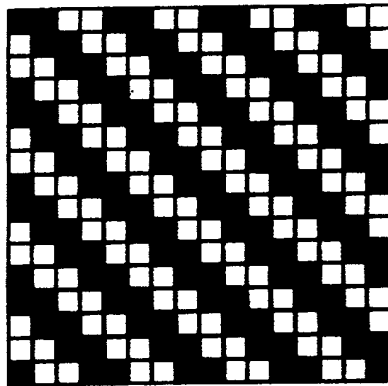


Fig. 14

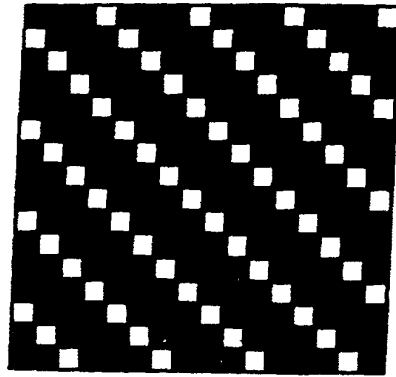
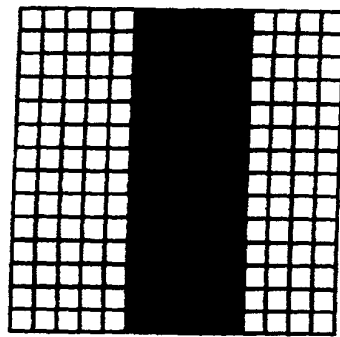


Fig. 15



original image

Fig. 16

result of region discrimination

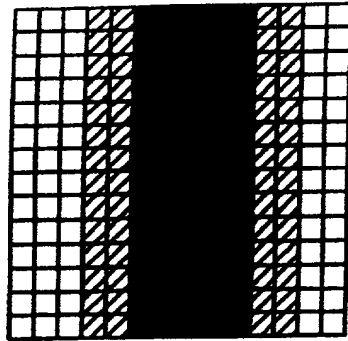


Fig. 17

result of smoothing

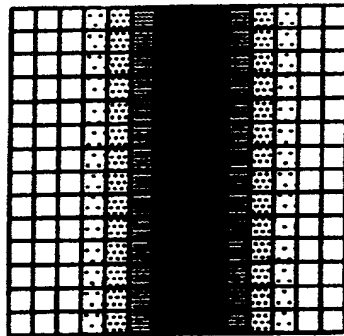


Fig. 18

result of screening

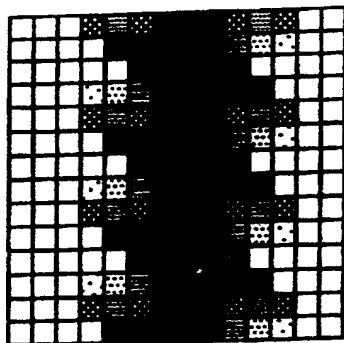


Fig. 19

Output image

